

FIG. 1

Non-linear Analysis

200

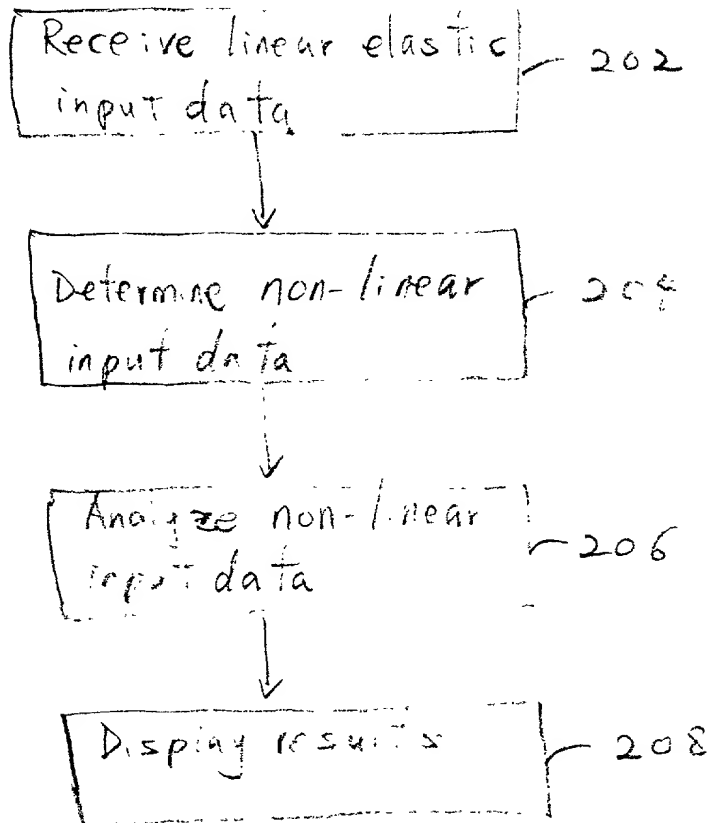


FIG. 2

09750962-014304

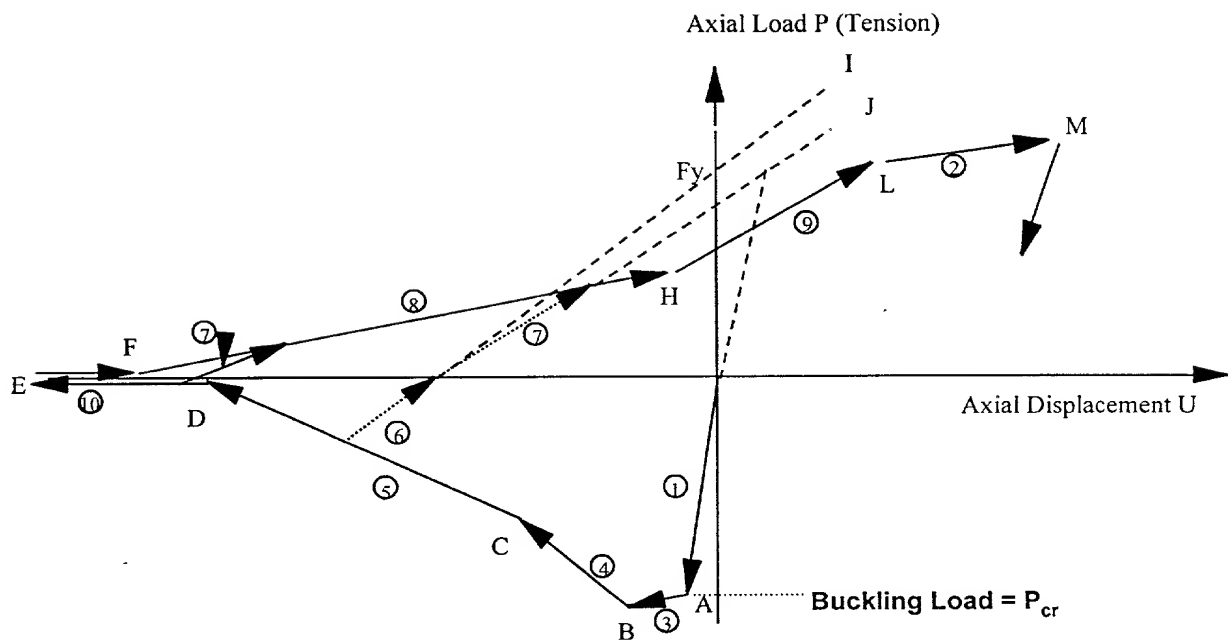


FIG. 3

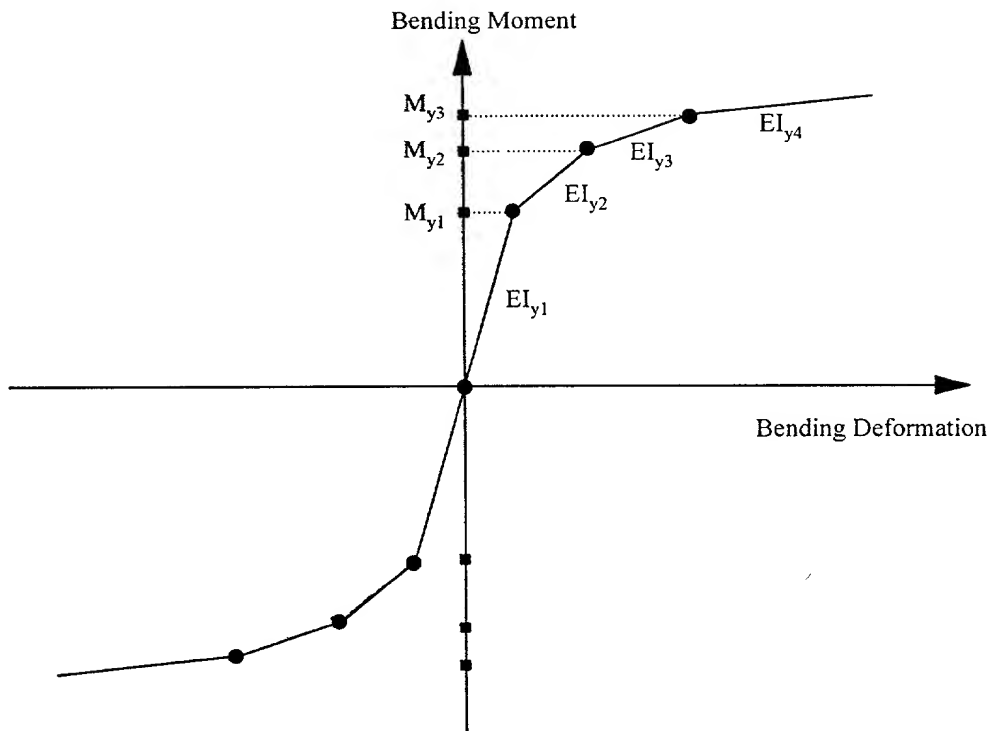


FIG. 4

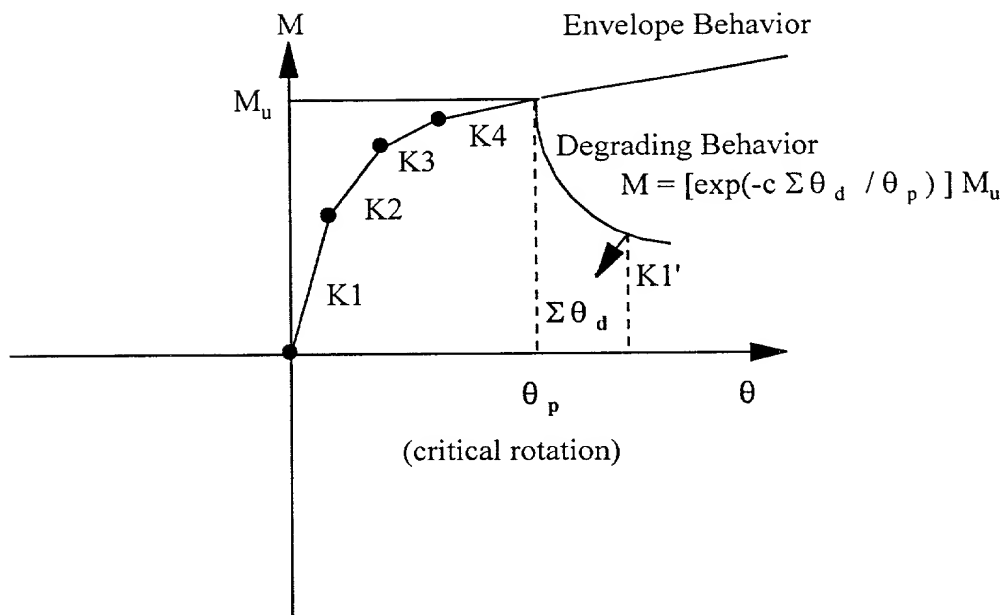


FIG. 5

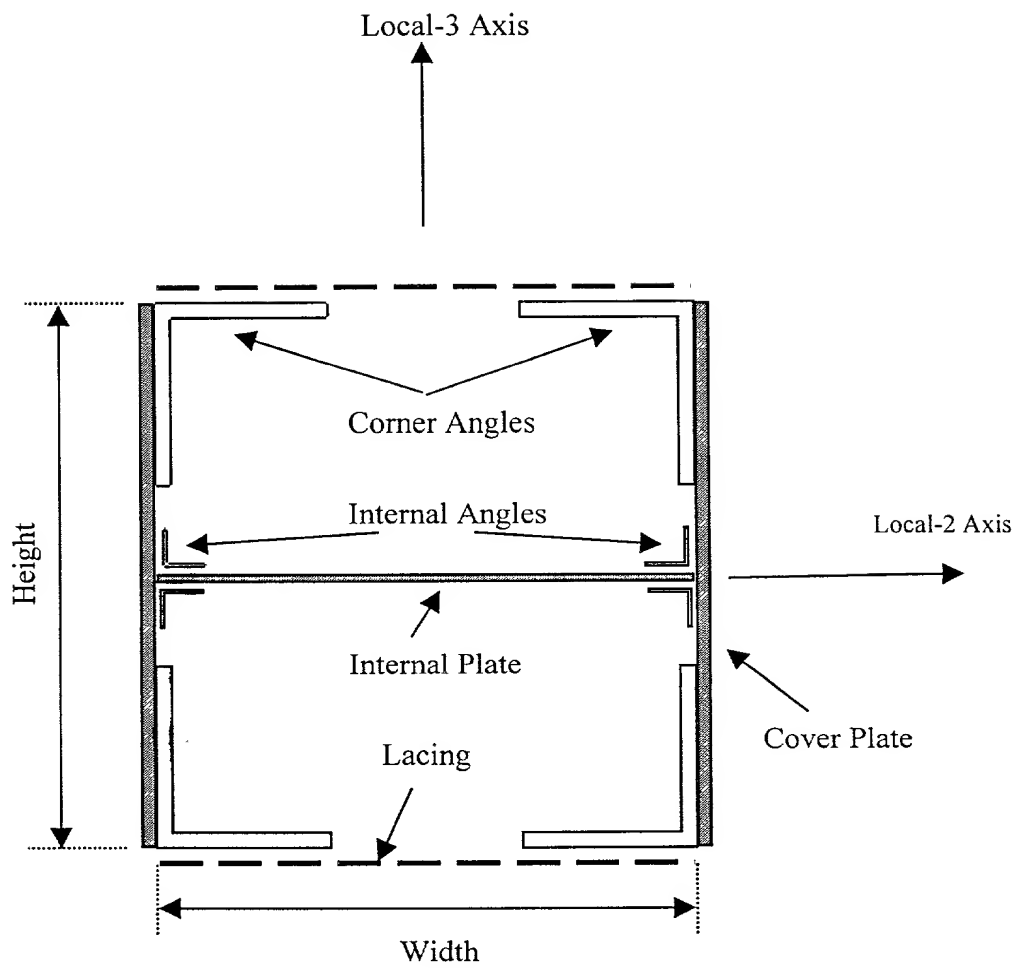


FIG. 6

TABLE 1. TYPICAL SUMMARY REPORT

ANALYSIS SUMMARY

***** THE FOLLOWING MEMBERS HAVE EXPERIENCED INELASTIC BEHAVIOR *****

NUMBER OF INELASTIC MEMBERS = 4

EVENT SEQUENCE	---STATIC---		LOAD STEP	ELEM TYPE	GROUP NUMBER	NODE I	NODE J	D/C RATIO	-----MAXIMUM DUCTILITIES-----			GROUP TITLE
	INCRMN	STEP							AXL TOTAL	AXL COMP.	AXL TENS.	BND DUCTL
1	0	0	D	LX1	ISTR	3	4	0.000	15.354	6.780	8.574	0.000
1	0	0	D	LX2	ISTR	3	7	0.000	15.229	8.417	6.812	0.000
2	0	0	D	LX3	NTRS	4	7	0.000	4.354	1.624	2.729	0.000
2	0	0	D	LX4	NTRS	4	10	0.000	4.312	2.700	1.612	0.000

FIG. 7

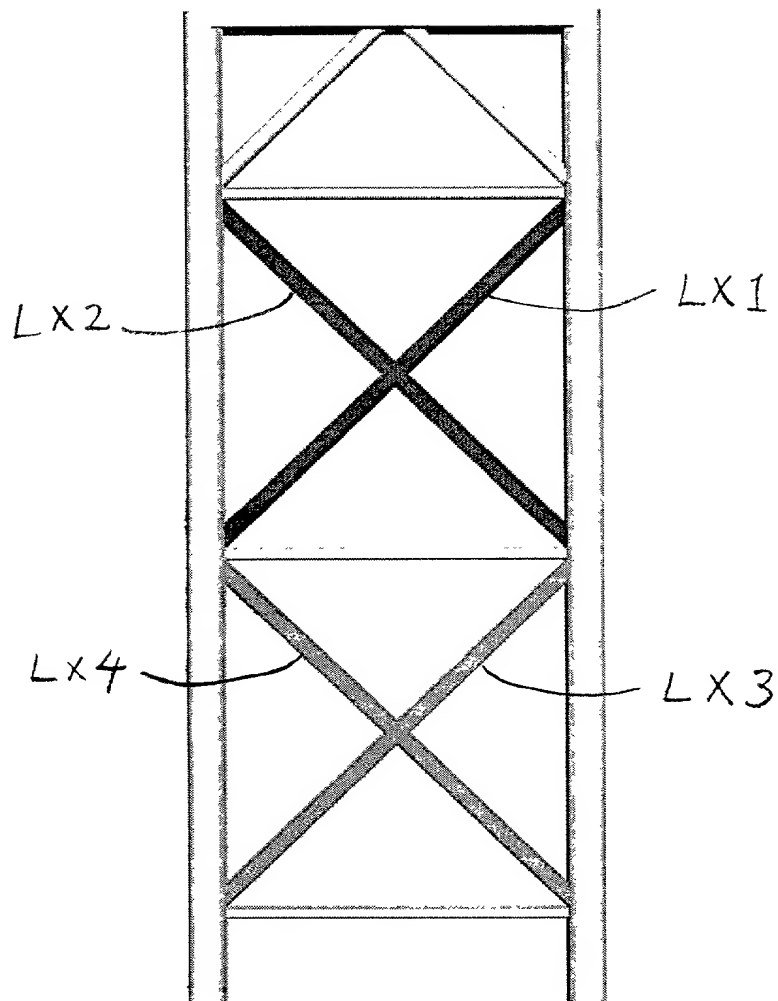


FIG. 8

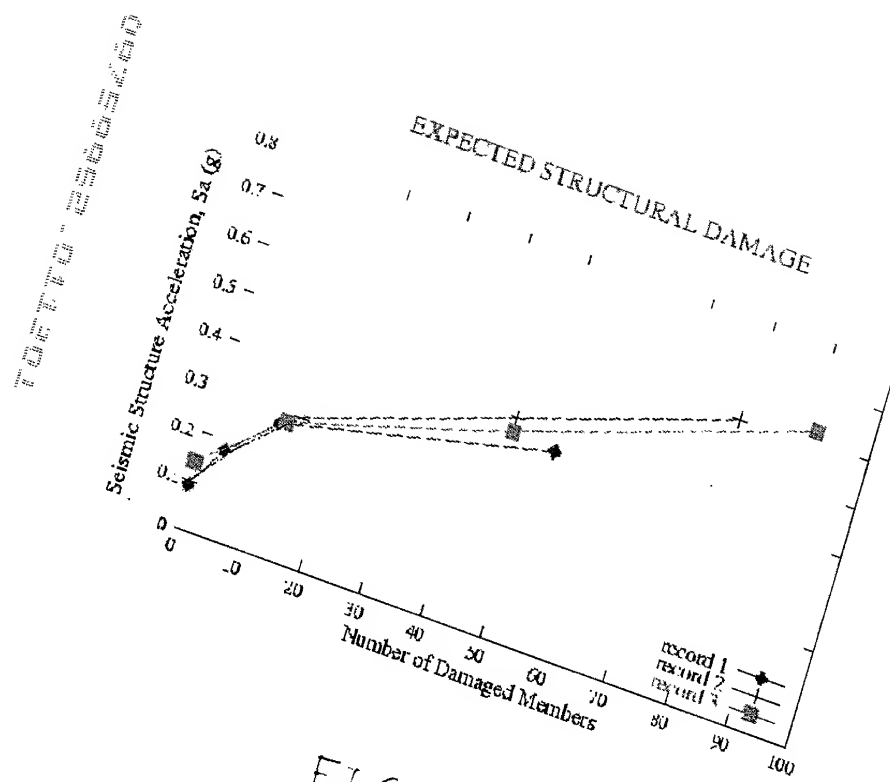


FIG. 9

Structure rating

150

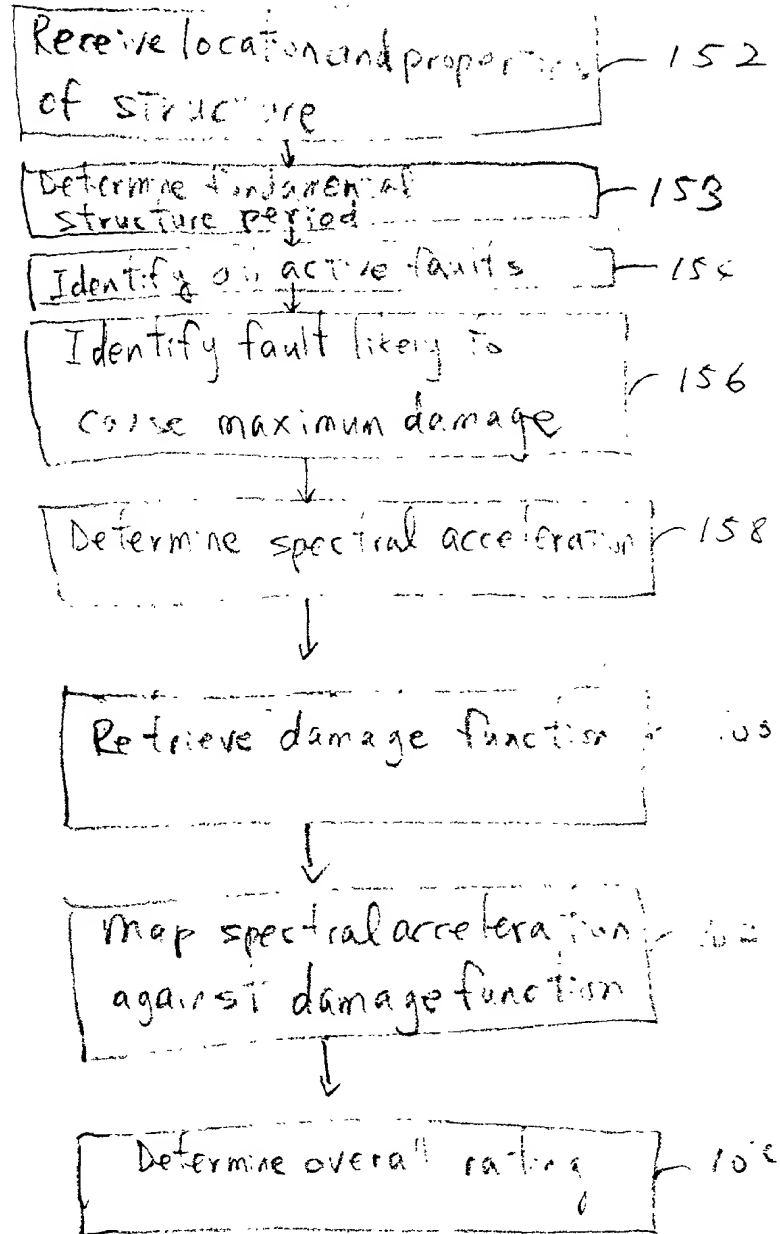


FIG. 10

Damage Function

300

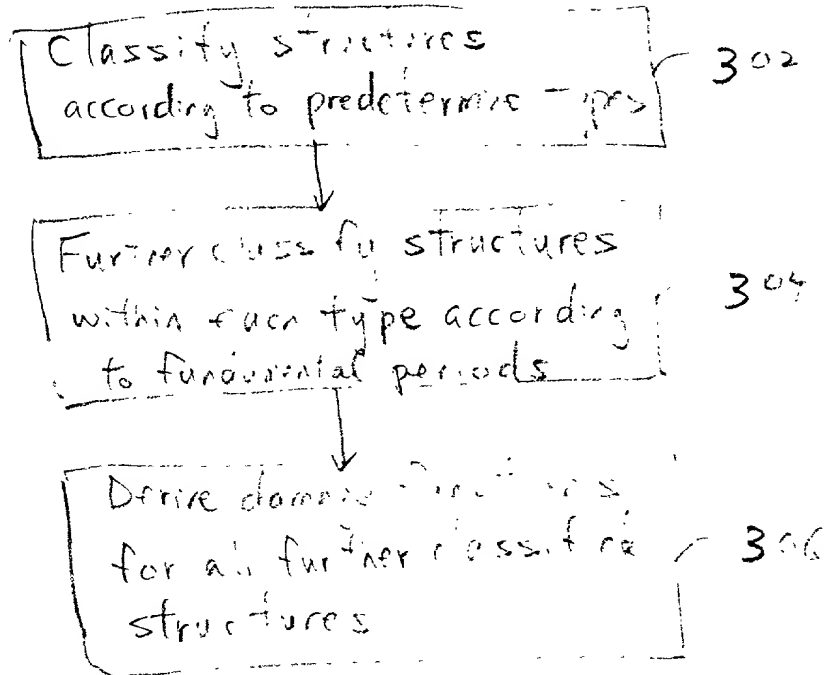


FIG. 11

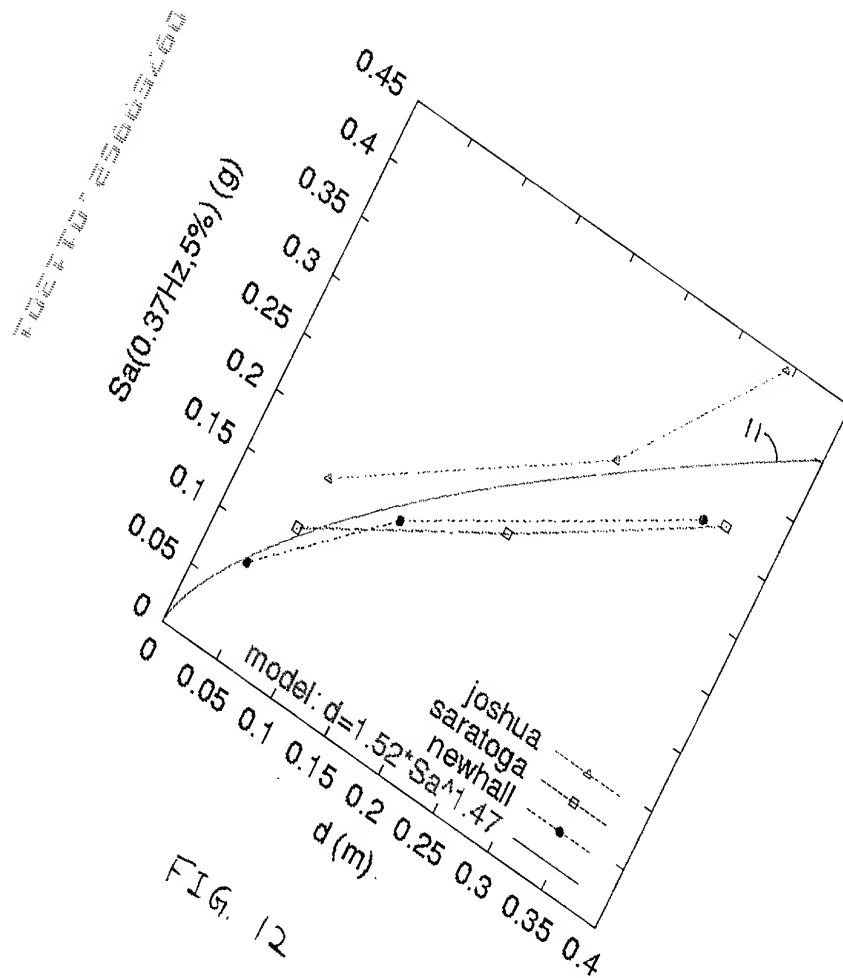


FIG. 12